

5090
Ser 09ER3GM/L4251
8 June 1994

From: Commander, Western Division, Naval Facilities Engineering Command
To: Distribution

Subj: INSTALLATION RESTORATION PROGRAM PROGRESS REVIEW MEETING,
NAVAL AIR STATION, ALAMEDA

Encl: (1) Progress Review Meeting Minutes of May 25, 1994

1. Enclosure (1) is the Progress Review Meeting minutes held on May 25, 1994 for the BRAC Cleanup activities at Naval Air Station (NAS), Alameda.
2. The next Progress Review Meeting is scheduled for 9:00 a.m., on June 8, 1994, at NAS Alameda.
3. For further information regarding this matter, please contact either Mr. Gary Munekawa, Code 09ER3GM, (415) 244-2524 or Mr. George Kikugawa, Code 09ER3GK, (415) 244-2559.

Original signed by:
GARY J. MUNEKAWA.
By direction

Distribution:
US Environmental Protection Agency (Attn: James Ricks)
California Department of Toxic Substances Control (Attn: Tom Lanphar)
California Regional Water Quality Control Board (Attn: James Nusrala)

Copy to:
NAS Alameda (Attn: Lt. Mike Petouhoff)
NADEP Alameda (Attn: Paul Pentony)
COMNAVBASE San Francisco (Attn: Randy Friedman)
PRC Environmental Management, Inc. (Attn: Duane Balch)
Montgomery Watson (Attn: Ken Leung)
ERM-West (Attn: Susanne von Rosenberg)
IT Corp (Attn: Valerie Crooks)

Blind copy to:
09ER3GM; 09ER32GK; 09EC3
Admin Record (w/3 copies)
Chron, blue, pink, green
Writer: G. Munekawa/09ER3GM/X2524
File: Alameda/NAS

1065

**PROGRESS REVIEW MEETING MINUTES
BRAC CLEANUP ACTIVITIES
NAVAL AIR STATION ALAMEDA
(Held at Building 1, NAS Alameda, Alameda, California)**

May 25, 1994

Attendees:

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE</u>
Tom Lanphar	Cal-EPA (DTSC)	(510) 540-3809
James Nusrala	Calif. Regional Water Quality Control Board (RWQCB)	(510) 286-0301
Susanne von Rosenberg	ERM-West, Inc.	(510) 946-0455
Valerie Crooks	International Technology (IT) Corporation	(510) 372-9100
Barbara Marks	IT Corporation	(510) 372-9100
Robert Swatek	IT Corporation	(510) 372-9100
Ken Leung	Montgomery Watson	(510) 975-3460
Mike McDonald	Montgomery Watson	(510) 975-3511
Kelli Shuter	Montgomery Watson	(510) 975-3473
Ross Wagner	Montgomery Watson	(510) 975-3428
Mike Petouhoff	Naval Air Station (NAS) Alameda	(510) 263-3726
Roger Caswell	Naval Aviation Depot (NADEP) Alameda	(510) 263-6241
Duane Balch	PRC Environmental Management, Inc. (EMI)	(916) 852-8300
Susan Willoughby	PRC EMI	(916) 852-8300
James Ricks, Jr.	U.S. Environmental Protection Agency	(415) 744-2402
Stewart Cheang	U.S. Navy, Western Division, (WESTDIV)	(415) 244-2528
John Corpus	U.S. Navy, WESTDIV	(415) 244-2578
George Kikugawa	U.S. Navy, WESTDIV	(415) 244-2559
Gary Munekawa	U.S. Navy, WESTDIV	(415) 244-2524
Dennis Wong	U.S. Navy, WESTDIV	(415) 244-2533

AGENDA ITEMS:

I. Data Quality Objectives (DQOs)

Opening: PRC/Lt. Mike Petouhoff

Process: Discuss DQOs for all combined investigative activities for NAS Alameda. Discuss how various contractors will coordinate attaining DQOs.

Goal: To summarize/understand process by which DQOs will be met.

Closing: PRC presented selected documents to IT and ERM-West that covered key elements of the DQO requirements as they have evolved during the installation restoration program at NAS Alameda. Elements discussed included an overview of the merging of the most recent QAPP, the BOA lab SOWs, and recent regulatory requests for lower quantitation limits for inorganic compounds. Issues such as effective coordination between PRC team and IT for sample analyses under CTO 0280, and support of ERM-West's preparation of the Phase II FSPs were discussed.

ACTION: All parties agreed to set face-to-face meetings with their respective chemists to coordinate lab analyses and to ensure that supporting data generated are compatible with existing data formats and that the data generated meet all applicable DQOs. IT will be receiving an SOW from the Navy on May 27, 1994 for performing the lab analyses that was originally included under CTO 0280. PRC will meet with the IT chemist on June 1, 1994, and a meeting date with the ERM-West chemist will be scheduled shortly thereafter.

II. Environmental Assessment Technical Memorandum (EATM)

Opening: BCT/EPA
Process: Update on the EPA and DTSC inputs on pesticide issues related to the EATM.
Goal: Establish an approach on the pesticide issues, and a date to finalize the EATM.
Closing: An April 19, 1994 ruling by the US EPA related to identification of parcels as "uncontaminated" where the routine application of pesticides at that parcel could be shown to have to threat to human health and the environment was briefly discussed. It was agreed that parcel characterization for levels of pesticides would still be required and identified for affected parcels under the Phase II FSPs. Lt. Petouhoff stated that completion of the EATM is desired as soon as possible so that ERM-West may use it in support of their FSPs.
ACTION: The PRC team will complete the final EATM by mid-June, pending any additional comments from US EPA on "banned/non-banned" pesticide application issues.

III. ERM-West/PRC Team Interface on the EATM

Opening: BCT/ERM-West/PRC Team
Process: Discussion of information needs to assist ERM-West with preparation of their Phase II FSPs, such as the QAPP, HSP, and sampling protocols, and meeting current DQOs for all base-wide investigations.
Goal: To ensure that the ERM-West FSPs are compatible with all other investigative actions and sampling plan documents.
Closing: DQO issues were covered as explained above in item I. ERM-West indicated that it needed copies of the RI/FS follow-on FSPs, and that they would check to see which documents they already have reviewed under the EBS. Since sampling in the on-base housing areas is covered as part of CTO 0280, PRC and ERM-West agreed to meet to discuss appropriate protocols and compare formats for ERM-West's Phase II FSPs.
ACTION: After clarification of which documents are needed by ERM-West, PRC will send copies of the appropriate RI/FS FSPs to ERM-West, and will set up a meeting to discuss DQOs and to coordinate protocols for sampling at the other Category 7 parcels. Several deliverable dates and meetings with the BCT, ERM-West and PRC team were scheduled as outlined below under item XI.

IV. Removal Actions at Site 7A and 15

Opening: PRC Team
Process: Quick review of recent activities/schedule for implementing the removal at Site 15 (in conjunction with the RAC contractor), And discussion of status documentation (H&S plan, demolition and disposal plan, and action memorandum), and public and regulatory review. Quick review of the status of the EE/CA and projected schedule of actions for Site 7A.
Goal: Establish target date to review Site 7A water level study data to select the final locations of two additional wells.
Closing: The PRC team stated that it had received comments from the DTSC/RWQCB, Ms. Roberta Hough (RAB member), and from the Sierra Club. Though each had questions for additional information or clarification, all agreed on the preferred approach as presented in the EE/CA report and as presented in past RAB meetings. Tom Lanphar indicated that he would request that the action memorandum to be generated for the Site 15 removal action be given public notice and a 30 day review/comment period.

IT's Valerie Crooks gave a brief update on the status of the contractual actions for starting the Phase I portion of the removal action at Site 15. Site fencing is being installed, a field trailer mobilized, a geophysical survey is planned to start, and asphalt/concrete "take out" calculations are being performed. Ms. Crooks stated that soil samples for submission to treatability vendors would be collected on May 27, 1994, and that IT expected to receive bids from four treatability

vendors by June 17, 1994. PRC asked IT if Terra-Kleen, a solvent extraction vendor whose process and estimated costs were used for the EE/CA, had been solicited. Ms. Crooks said that they had not. PRC stated that it would provide IT a point of contact for Terra-Kleen.

The Site 7A water level study was briefly discussed, and the PRC team indicated that the transducers would be pulled one day early on May 26, 1994, due to problems with traffic impacting (literally) the aboveground extensions of the equipment. Recommendations for the location of two monitoring wells, based on the water level study, will be discussed at the next progress review meeting (PRM) on June 8, 1994. Installation of the wells are tentatively scheduled for the week of June 13.

ACTION: James Ricks, Jr., US EPA, stated that he would have his comments on the EE/CA to the Navy by the end of next week (June 3, 1994). IT indicated that a removal action HSP and demolition/disposal plan would be submitted to Navy by June 3. PRC stated that the removal action draft implementation work plan would be distributed to the BCT on June 7, 1994. Mr. Lanphar indicated he would have a negative declaration as per CEQA guidance submitted by July 7, 1994. PRC will submit to the BCT the draft action memorandum for the Site 15 removal action on July 7, 1994.

V. Deep Monitoring Well Locations

Opening: PRC Team

Process: Discuss base-wide deep well locations and CTO 0280 deep well installation schedule.

Goal: Review selection of deep well locations base-wide and establish a procedure for review of field data for deep well location selection for IR sites under CTO 0280.

Closing: The PRC team present a series of geologic cross-sections for review and to support the location of deep monitoring well locations for sites covered under CTO 0260.

ACTION: After lengthy discussions a consensus was reached on the proposed locations, with the DTSC/RWQCB requesting an additional deep well off the southwest corner of Site 5. The Navy agreed on the addition of this well location to those proposed.

To facilitate real time evaluation of future deep well locations and for work performed under CTO 0280 (as well as other ongoing activities), it was agreed that progress review meetings would, at least during the next few months, be held about every two weeks, with the next meeting scheduled for June 8, 1994.

VI. Site 4 Additional Investigation Technical Memorandum

Opening: PRC Team

Process: Discuss the proposed technical approach to conduct additional investigations to evaluate elevated levels of TCE detected in groundwater.

Goal: Understanding of key issues (RCRA interfacing on the tank pulls) and other (RAC) contracting needs that are along the critical path to successful/timely completion of these removal actions.

Closing: The Site 4 technical memorandum was distributed for BCT review on May 9, 1994, and briefly summarized today. A phased approach using additional CPT/Hydropunch® to define the presence of TCE before advancing any deeper borings was discussed.

ACTION: The BCT indicated that it would provide its comments on the Site 4 technical memorandum by June 3, 1994.

VII. Ecological Assessment (EA) Meeting Update

Opening: PRC Team

Process: Provide an update on the ecological assessment presentation made to the natural resources trustees on May 17, 1994.

Goal: Establish action items for the ecological assessment follow-on work.

Closing: Due to time constraints this item was only briefly covered. The May 17, 1994 presentation on the EA before the natural resources trustees was well received, though California Department of Fish and Game failed to attend without notice. Additional work proposed at OU-4 sites will fall under a modification to CTO 0226, and will be for assessing extent of contamination rather than for generating additional bioassay work. Ecological risk assessment work for the other OUs is covered as part of CTO 0316.

ACTION: None were indicated, though PRC will prepare details for the OU-4 follow-on work to facilitate Navy's preparation of the modification SOW to CTO 0226.

VIII. Future Removal Actions at Sites 6, 8, 12, 14 and 16

Opening: PRC Team

Process: Quick review of schedule of funding.

Goal: Consensus on schedule.

Closing: Due to time constraints this item was only briefly covered.

ACTION: The PRC team agreed to provide the requested information for discussion at the upcoming June 8 PRM at NAS Alameda.

IX. Follow-Through on Outstanding RI/FS Documents

Opening: PRC Team

Process: Describe current status of: RI/FS Work Plan Addendum; Phase 2A FSP; Phases 2B/3 FSP; Phases 5/6 FSP; Site 5 Plating Shop Letter Report (for the Mod 1 DSR); the FFSRA and the SMP; and Site 13 removal action documentation.

Goal: Consensus on dates targeted for final submission of the documents based on the current review status of these documents.

Closing: Due to time constraints this item was not covered.

ACTION: PRC agreed to get the text/figures changes made on the FSPs through the QC process, and then submit to the Navy for their review and distribution to the BCT. An update will be provided at the June 8 PRM.

X. Contract Task Order 0280

Opening: PRC Team

Process: Summarize the field drilling schedule and issues related to laboratory coordination with the RAC contractor.

Goal: Finalize the field drilling schedule.

Closing: Though laboratory issues for CTO 0280 were covered above in item I., time constraints prevented further discussion on this item. Contracting activities continue for the CPT and soil boring/well drilling contractors, with subcontract awards expected by June 21, 1994.

ACTION: The drilling and field schedule will be discussed at the June 8 PRM.

XI. Summarize New Action Items/Discuss Future Agenda Items

Opening: BCT/PRC Team

Process: Summarize action items generated from items listed above in this agenda; identify agenda items for the next PRM and for the next Restoration Advisory Board (RAB) Meeting (beyond issues that the RAB itself will bring to the meeting, i.e. technical presentations on planned removal actions, etc.), and to set dates for the upcoming PRMs.

Goal: To respond to agreed upon action items; to select agenda items/target approximate meeting dates

Closing: US EPA's James Ricks and PRC's Duane Balch summarized most of the action items listed above, and important action/meeting dates were agreed to and verified.

ACTION: Important Dates:

- JUNE**
- June 2, 1994: Dry-run pre-RAB meeting, NAS Alameda, Building 1, 1:30 PM.
 - June 6, 1994: Draft agenda for next PRM meeting distributed for comments.
 - June 3, 1994: Navy to receive regulatory comments on Site 4 deep well location technical memorandum.
 - June 7, 1994: RAB meeting, Miller Elementary School, Alameda, 7:30 PM.
 - June 8, 1994: PRM at NAS Alameda, Building 1, 9:00 AM.
 - June 22, 1994: PRM at NAS Alameda, Building 1, 9:00 AM.
 - June 30, 1994: Pre-RAB meeting, NAS Alameda, Building 1, 1:30 PM.
- JULY**
- July 5, 1994: RAB meeting, Miller Elementary School, Alameda, 7:30 PM.
 - July 6, 1994: Meeting with ERM-West, Phase II FSPs, NAS Alameda, Building 1, 9:00 AM. (will double as PRM).
 - July 20, 1994: Submittal of Draft Phase II FSPs to BCT
 - July 27, 1994: Meeting with ERM-West, Phase II FSPs, NAS Alameda, Building 1, 9:00 AM. (will double as PRM).